

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 33. (Canceled).

34. (Currently Amended) A fixing device using induction heating for causing alternating current to pass through an electromagnetic induction coil, which is arranged so as to be close to an endless member having a metal layer of a conductive material, to cause said endless member to generate heat to heat a member to be fixed, wherein said ~~coil has a plurality of unit wires, each of which comprises a conductor coated with a first insulating coating, and said plurality of unit wires are coated with a second insulating coating to doubly insulate said coil from said endless member~~ electromagnetic induction coil comprises a litz wire that includes a plurality of twisted single wires, each of said single wires being a conductor coated by a first insulating coating, and wherein said litz wire which comprises the plurality of single wires is coated by a second insulating coating.

35. (New) A fixing device as set forth in claim 34, wherein a bonding of turns of said electromagnetic induction coil to each other and a bonding of said electromagnetic induction coil to a core to be wound, are carried out by an adhesive material mixed with mica.

36. (New) A fixing device as set forth in claim 35, wherein said adhesive material is a heat resistant material which is resistant to a temperature of 200 degrees C or higher.

37. (New) A fixing device as set forth in claim 35, wherein said adhesive material is a polyimide resin.

38. (New) A fixing device as set forth in claim 35, wherein said adhesive material is a single liquid resin.

39. (New) A fixing device as set forth in claim 35, wherein said adhesive material is an epoxy resin.

40. (New) A fixing device as set forth in claim 35, wherein said adhesive material is a silicone resin.

41. (New) A fixing device as set forth in claim 35, wherein a mixing ratio of said mica to said adhesive material is 50% or less by weight.

42. (New) A fixing device as set forth in claim 35, wherein said endless member is a roller.

43. (New) A fixing device as set forth in claim 35, wherein a central portion in an axial direction of a thermal load of said endless member, which is heated by said electromagnetic induction coil, is different from a central portion in an axial direction of said endless member.

44. (New) A fixing device as set forth in claim 34, wherein an entire circumference of said each single wire is coated by the first insulating coating, and wherein an entire circumference of said litz wire is coated by the second insulating coating.